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## CLAIMS

- 1. Use of a separator comprising an essentially cylindrical vertical tank (1), a tangentially 5 arranged inlet (2), at least one outlet (3) for oil and gas in the upper part of the tank, an outlet (4) for water placed in the lower part of the tank, an inner concentrically wall (10) formed as a cylinder placed in the upper part of the tank leaving an open 10 space between said cylinder and the top of the space, and further leaving a space between said cylinder and the bottom of the tank, an outlet (8) for solids placed in the lower part of the tank, and optionally provided with an inlet guide vane (11) placed between 15 the tank (1) and the inner cylinder (10) leaving an open space between the inner cylinder and the inlet quide vane (11), and further optionally provided with a concentrically arranged horizontal circular plate (12) having a smaller diameter that the tank placed 20 in the lower part of the tank above the outlet for water (4) and solids (8), for the initial separation at the well of the fluid from an oil and gas reservoir.
- 2. Use according to claim 1, wherein the fluid 25 from an oil and gas reservoir is subjected to gas injection before entering the separator.
  - 3. Use according to claim 2, wherein the gas for gas injection is a hydrocarboneous gas.
- 4. Use according to any of the claims 1-3, 30 wherein two or more tanks are used in series.
  - 5. Use according to any of the claims 1-3, wherein two or more tanks are used in parallel.

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- 6. Use according to any of the preceding claims, wherein the pressure in the tank is from atmospheric pressure and up.
- 7. Use according to any of the preceding claims,
  5 wherein the initial separation comprises treatment of
  about 100 m<sup>3</sup> fluid per hour per 1 m<sup>3</sup> tank volume.
  - 8. Use according to any of the preceding claims, wherein the fluid is separated into an oil/gas phase and a water phase.
- 9. Use according to claim 8, wherein the oil/gas phase is separated into an oil phase and a gas phase in an additional stage.

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